



Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

November 5, 2003

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

TO: Interested Parties / Applicant

RE: Lincoln Foodservices Product, Inc. / T003-16190-00046

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval – Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-6-1(b) or IC 13-15-6-1(a) require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204.

For an **initial Title V Operating Permit**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **thirty (30)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(b).

For a **Title V Operating Permit renewal**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **fifteen (15)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(a).

The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and

- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

Pursuant to 326 IAC 2-7-18(d), any person may petition the U.S. EPA to object to the issuance of an initial Title V operating permit, permit renewal, or modification within sixty (60) days of the end of the forty-five (45) day EPA review period. Such an objection must be based only on issues that were raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impracticable to raise such issues, or if the grounds for such objection arose after the comment period.

To petition the U.S. EPA to object to the issuance of a Title V operating permit, contact:

U.S. Environmental Protection Agency
401 M Street
Washington, D.C. 20406

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.



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INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

100 North Senate Avenue
P. O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
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PART 70 OPERATING PERMIT RENEWAL Office of Air Quality

**Lincoln Foodservice Products, Inc.
1111 North Hadley Road
Fort Wayne, Indiana 46804**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T003-16190-00046	
Issued by: Original signed by Janet McCabe Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: November 5, 2003 Expiration Date: November 5, 2008

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SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a light fabrication and surface finishing assembly operation.

Responsible Official:	Business Unit Leader
Source Address:	1111 North Hadley Road, Fort Wayne, IN 46804
Mailing Address:	1111 North Hadley Road, Fort Wayne, IN 46804
SIC Code:	3469
County Location:	Allen
County Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Minor Source, PSD Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- a) One (1) boiler, identified as BO1, fueled by natural gas, maximum capacity of 29 MMBtu/hr, and exhausting to stack BO1, installed in 1971.
- b) One (1) boiler, identified as BO2, fueled by natural gas, maximum capacity of 29 MMBtu/hr, and exhausting to stack BO2, installed in 1971.
- c) Two (2) cold cleaning degreasers, identified as SW1, with a solvent consumption of 32 gallons/day, installed in 1991.
- d) One (1) Dual monorail degreaser, identified as DG1, using trichloroethylene as the solvent with a solvent consumption of 32.3 gallons/day. The solvent recovery still, BS 1, recycles solvent oil mixture from the degreaser operations, installed in 1991.
- e) One (1) Cold ring open top vapor degreaser, identified as DG2, with a solvent consumption of 14.2 gallons/day, using trichloroethylene as the solvent. The solvent recovery still, BS 2, recycles the solvent oil mixture from the degreaser, installed in 1995.
- f) Two (2) surface coating booths, are part of the no-stick coating line, having a maximum throughput of 1,200 units per hour, each using the application method of air atomization, using dry filters as control, and exhausting to stacks 1 and 2, installed in 1997.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3] (See D.6.)

- (b) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment. [326 IAC 6-3] (covered under C.1.)
- (c) Any of the following structural steel and bridge fabrication activities:

Using 80 tons or less of welding consumables. [326 IAC 6-3] (covered under C.1.)
- (d) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6-3] (covered under C.1.)

One (1) shot blast cleaner, identified as 3-No-stick coating, using aluminum oxide as the blast media, with a density of 225 lb/ft³, and controlled by a cyclone and baghouse. [326 IAC 6-3] (covered under C.1.)
- (e) Particulate emissions associated with metal surface marking and finishing activities. [326 IAC 6-3] (covered under C.1.)
- (f) Miscellaneous emissions from metal press forming and shaping. [326 IAC 6-3] (covered under C.1.)

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22).
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B

GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5]

This permit is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.

B.3 Enforceability [326 IAC 2-7-7]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.4 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.5 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]

- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.
- (c) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (d) An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

B.8 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than April 15 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]
[326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) The Permittee shall implement the PMPs, including any required record keeping, as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.
- (c) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation, Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 Emergency Provisions [326 IAC 2-7-16]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
 - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality,
Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
 - (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
 - (e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.
 - (f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
 - (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.12 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not

alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
 - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deletedby this permit.

- (b) All previous registrations and permits are superseded by this permit.

B.14 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

**B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination
[326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]**

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, determines any of the following:
- (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)].

B.16 Permit Renewal [326 IAC 2-7-4]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]

- (1) A timely renewal application is one that is:

- (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
- (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

- (2) If IDEM, OAQ, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]

If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as being needed to process the application.

- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]

If IDEM, OAQ, fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.17 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality

100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]
- (d) No permit amendment or modification is required for the addition, operation or removal of a nonroad engine, as defined in 40 CFR 89.2.

B.18 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)]
[326 IAC 2-7-12 (b)(2)]

- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
- (b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.19 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the

Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

B.20 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.

B.21 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect

any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.22 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, I/M & Billing Section), to determine the appropriate permit fee.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [40 CFR 52 Subpart P][326 IAC 6-3-2]

- (a) Pursuant to 40 CFR 52 Subpart P, particulate matter emissions from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.
- (b) Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour. This condition is not federally enforceable.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided by statute or rule, or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.7 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted.

C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) Demolition and renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

- (g) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.9 Performance Testing [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.10 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.11 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within thirty (30) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within thirty (30) days, the Permittee may extend the compliance schedule related to the equipment for an additional thirty (30) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality

100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial thirty (30) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.12 Maintenance of Continuous Emission Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]

- (a) The Permittee shall install, calibrate, maintain, and operate all necessary continuous emission monitoring systems (CEMS) and related equipment.
- (b) In the event that a breakdown of a continuous emission monitoring system occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem.
- (c) Whenever a continuous emission monitor other than an opacity monitor is malfunctioning or will be down for calibration, maintenance, or repairs for a period of four (4) hours or more, a calibrated backup CEMS shall be brought online within four (4) hours of shutdown of the primary CEMS, and shall be operated until such time as the primary CEMS is back in operation.

C.13 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.14 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on December 12, 1996.
- (b) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.15 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the source must comply with the applicable requirements of 40 CFR 68.

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall submit:

- (a) A compliance schedule for meeting the requirements of 40 CFR 68; or
- (b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and

- (c) A verification to IDEM, OAQ, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.16 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5]
[326 IAC 2-7-6]

- (a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:
 - (1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.
 - (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.
- (b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:
 - (1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or
 - (2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.
 - (3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, and it will be 10 days or more until the unit or device will be shut down, then the permittee shall promptly notify the IDEM, OAQ of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.
 - (4) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (c) The Permittee is not required to take any further response steps for any of the following reasons:
 - (1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.

- (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.
- (3) An automatic measurement was taken when the process was not operating.
- (4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.
- (d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.
- (e) The Permittee shall record all instances when, in accordance with Section D, response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- (f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

**C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]
[326 IAC 2-7-6]**

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

**C.18 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)]
[326 IAC 2-6]**

- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by April 15 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:
 - (1) Indicate estimated actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);

- (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(32) ("Regulated pollutant which is used only for purposes of Section 19 of this rule") from the source, for purposes of Part 70 fee assessment.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting December 1 and ending November 30. The annual emission statement must be submitted to:
- Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

C.19 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.20 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

- (a) The source shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:
- Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.21 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

Part 2 MACT Application Submittal Requirement

C.22 Application Requirements for Section 112(j) of the Clean Air Act [40 CFR 63.52(e)] [40 CFR 63.56(a)] [40 CFR 63.9(b)] [326 IAC 2-7-12]

- (a) The Permittee shall submit a Part 2 MACT Application in accordance with 40 CFR 63.52(e)(1). The Part 2 MACT Application shall meet the requirements of 40 CFR 63.53(b).
- (b) Notwithstanding paragraph (a), the Permittee is not required to submit a Part 2 MACT Application if the Permittee no longer meets the applicability criteria of 40 CFR 63.50 by the application deadline in 40 CFR 63.52(e)(1). For example, the Permittee would not have to submit a Part 2 MACT Application if, by the application deadline:
 - (1) The source is no longer a major source of hazardous air pollutants, as defined in 40 CFR 63.2;
 - (2) The source no longer includes one or more units in an affected source category for which the U.S. EPA failed to promulgate an emission standard by May 15, 2002; or
 - (3) The MACT standard or standards for the affected source categories included at the source are promulgated.
- (c) Notwithstanding paragraph (a), pursuant to 40 CFR 63.56(a), the Permittee shall comply with an applicable promulgated MACT standard in accordance with the schedule provided in the MACT standard if the MACT standard is promulgated prior to the Part 2 MACT Application deadline or prior to the issuance of permit with a case-by-case Section 112(j) MACT determination. The MACT requirements include the applicable General Provisions requirements of 40 CFR 63, Subpart A. Pursuant to 40 CFR 63.9(b), the Permittee shall submit an initial notification not later than 120 days after the effective date of the MACT, unless the MACT specifies otherwise. The initial notification shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Director, Air and Radiation Division
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- a) One (1) boiler, identified as BO1, fueled by natural gas, maximum capacity of 29 MMBtu/hr, and exhausting to stack BO1, installed in 1971.
- b) One (1) boiler, identified as BO2, fueled by natural gas, maximum capacity of 29 MMBtu/hr, and exhausting to stack BO2, installed in 1971.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Particulate Matter (PM) [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2-3 (d) (Particulate emission limitations for sources of indirect heating: emission limitations for facilities specified in 326 IAC 6-2-1 (b)), particulate emissions from the boilers shall in no case exceed 0.8 pounds of particulate matter per million British thermal units heat input.

This limitation is based on the following equation: $Pt = (C)(a)(h) / (76.5)(58)^{0.75}(2)^{0.25}$

Where: Pt = Pounds of particulate matter emitted per million Btu heat input.

Q = Total source maximum operating capacity rating in million Btu per hour heat input.

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

Two (2) cold cleaning degreasers, identified as SW1, with a solvent consumption of 32 gallons/day, and ventilating to stack SW1, installed in 1991.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-5][326 IAC 8-3-2]

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility shall ensure that the following control equipment requirements are met:
 - (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
 - (A) the solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38 °C) (one hundred degrees Fahrenheit (100°F));
 - (B) the solvent is agitated; or
 - (C) the solvent is heated.
 - (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury) or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38 °C) (one hundred degrees Fahrenheit (100 °F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.
 - (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
 - (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
 - (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury) or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38 °C) (one hundred degrees Fahrenheit (100 °F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9 °C) (one hundred twenty degrees Fahrenheit (120 °F)):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
 - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
 - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
 - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

Compliance with 326 IAC 8-3-5 demonstrates compliance with 326 IAC 8-3-2.

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

One (1) Dual monorail degreaser, identified as DG1, using trichloroethylene as the solvent with a solvent consumption of 32.3 gallons/day, and ventilating to stack DG1. The solvent recovery still, BS 1, recycles solvent oil mixture from the degreaser operations, installed in 1991.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-7][326 IAC 8-3-4]

- (a) Pursuant to 326 IAC 8-3-7(a) (Conveyorized Degreaser Operation and Control), the Permittee of a conveyorized degreaser shall ensure that the following control equipment requirements are met:
 - (1) Equip the degreaser's entrances and exits with downtime covers which are closed when the degreaser is not operating.
 - (2) Equip the degreaser with the following switches:
 - (A) A condenser flow switch and thermostat which shuts off sump heat if condenser coolant stops circulating or becomes too warm.
 - (B) A spray safety switch which shuts off spray pump if the vapor level drops more than ten (10) centimeters (four (4) inches).
 - (C) A vapor level control thermostat which shuts off sump heat when vapor level rises more than ten (10) centimeters (four (4) inches).
 - (3) Equip the degreaser with entrances and exits which silhouette workloads in such a manner that the average clearance between the articles and the degreaser opening is either less than ten (10) centimeters (four (4) inches) or less than ten percent (10%) of the width of the opening.
 - (4) Equip the degreaser with a drying tunnel, rotating or tumbling basket, or other equipment which prevents cleaned articles from carrying out solvent liquid or vapor.
 - (5) Equip the degreaser with a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
 - (6) Equip the degreaser with one (1) of the following control devices:
 - (A) A refrigerated chiller.
 - (B) A carbon adsorption system with ventilation which, with the downtime covers open, achieves a ventilation rate of greater than or equal to fifteen (15) cubic meters per minute per square meter (fifty (50) cubic feet per minute per square foot) of air to solvent interface area, and an average of less than twenty-five (25) parts per million of solvent is exhausted over one (1) complete adsorption cycle.
 - (C) Other systems of demonstrated equivalent or better control as those outlined in clause (A) or (B). Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-7(b) (Conveyorized Degreaser Operation and Control), the Permittee of a conveyorized degreaser shall ensure that the following operating requirements are met:
 - (1) Minimize solvent carryout emissions by the following:
 - (A) Racking articles to allow complete drainage.
 - (B) Maintaining the vertical conveyor speed at less than three and three-tenths (3.3) meters per minute (eleven (11) feet per minute).

- (2) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.
- (3) Repair solvent leaks immediately or shut down the degreaser if leaks cannot be repaired immediately.
- (4) Prohibit the exhaust ventilation rate from exceeding twenty (20) cubic meters per minute per square meter (sixty-five (65) cubic feet per minute per square foot) of degreaser opening unless a greater ventilation rate is necessary to meet Occupational Safety and Health Administration requirements.
- (5) Prohibit the use of workplace fans near the degreaser opening.
- (6) Prohibit visually detectable water in the solvent exiting the water separator.
- (7) Cover entrances and exits at all times except when processing workloads through the degreaser.

Compliance with 326 IAC 8-3-7 demonstrates compliance with 326 IAC 8-3-4.

D.3.2 General Provisions Relating to HAPs [326 IAC 20-1-1][40 CFR Part 63, Subpart A]

The provisions of 40 CFR Part 63, Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 63, Subpart T.

D.3.3 Halogenated Solvent Cleaning NESHAP [326 IAC 20-6-1][40 CFR Part 63, Subpart T]

Pursuant to 40 CFR Part 63, Subpart T, the Dual monorail degreaser shall be subject to the following conditions:

- (a) The following design requirements for the degreasing operation:
 - (1) Reduce the room draft to less than 50 feet per minute as described in 63.463(e)(2)(ii).
 - (2) A freeboard ratio of 0.75 or greater shall be maintained.
 - (3) An automated parts handling system capable of moving parts or baskets at a speed of 3.4 meters per minute (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts shall be installed.
 - (4) The degreaser shall be equipped with a device that shuts off the sump heat if the sump liquid solvent level drops to the sump heater coils.
 - (5) The degreaser shall be equipped with a vapor level control device that shuts off sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser.
 - (6) The degreaser shall have a primary condenser.
 - (7) Monitoring shall be conducted on each control device used.
- (b) Employ the following control combination:
Freeboard refrigeration device, reduced room draft, and freeboard ratio of 1.0, shall be used for all existing in-line cleaning machines.
- (c) The following operational practices for the degreasing operation:
 - (1) A reduced room draft to be less than 50 feet per minute as described in 63.463(e)(2)(ii).
 - (2) Any spraying operations shall be done within the vapor zone or within a section of the solvent cleaning machine that is not directly exposed to the ambient air.
 - (3) Parts shall be oriented so that the solvent drains from them freely. Parts with holes may need to be tipped or rotated before being removed.
 - (4) Parts or baskets shall not be removed from any solvent cleaning machine before dripping has stopped.
 - (5) During startup, the primary condenser shall be turned on before the sump heater.
 - (6) During shutdown, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off.

- (7) When solvent is added or drained, the solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the solvent pump shall be located beneath the liquid solvent surface.
- (8) The machine and associated controls shall be maintained as recommended by the manufacturers of the equipment or by EPA approved alternative methods.
- (9) Each operator shall complete and pass the applicable sections of the test of solvent cleaning operating procedures in appendix B of Subpart T, if requested during an inspection.
- (10) Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers that may contain a pressure relief device.
- (11) Sponges, fabric, wood, and paper products shall not be cleaned.

D.3.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

Compliance Determination Requirements

D.3.5 Compliance Determination Requirements [326 IAC 20][40 CFR Part 63, Subpart T]

- (a) The Permittee shall determine whether each control device used to comply with 40 CFR Part 63, Subpart T meets the following requirements:

Control Equipment	Monitoring Frequency	Requirements
Freeboard refrigeration device	Weekly	(a) Temperature at the center of the chilled air blanket is not to exceed 30 % of the solvent boiling point.
Reduce room draft	Initial test: wind speed, room parameters, enclosure Weekly: room parameters Monthly: Measure wind speed within enclosure. visual inspection of enclosure. Quarterly: wind speed measurement	(b) Determine the flow of air across the top of the freeboard area. Establish parameters to be monitored that will ensure compliance. (c) Monitor room parameters established in the initial test. (d) Establish and maintain operating conditions under which the wind speed was demonstrated to be less than 50 feet per minute. (e) Measure wind speed to ensure compliance with 50 feet per minute limit.
Hoist	Monthly/Quarterly	(f) Determine the hoist speed by measuring the time it takes for the hoist to travel a measured distance. The speed is equal to the distance in meters divided by the time in minutes (meters per minute). (g) Monitoring shall be conducted monthly. If after the first year, no exceedances of the hoist speed are measured, the owner or operator may begin monitoring the hoist speed quarterly. (h) If an exceedance of the hoist speed occurs during quarterly monitoring, the monitoring frequency returns to monthly until another year of compliance without an exceedance is demonstrated. (i) If an owner or operator can demonstrate to EPA's satisfaction in the initial compliance report that the hoist cannot exceed a speed of 3.4 meters per minute (11 feet per minute), the required monitoring frequency is quarterly, including during the first year compliance.

- (b) If any of the requirements for freeboard refrigeration device, and reduce room draft are not met, the Permittee shall determine whether an exceedance has occurred.

- (1) An exceedance has occurred if (d) has not been met; or
- (2) An exceedance has occurred if (a) or (b) or (e) have not been met and are not corrected within fifteen (15) days of detection. Adjustments or repairs shall be made to the solvent cleaning system or control device to reestablish required levels. The parameter must be remeasured immediately upon adjustment or repair and demonstrated to be within required limits.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.3.6 Record Keeping Requirements

- (a) Pursuant to 40 CFR 63.467(a), the permittee shall maintain records in written or electronic form specified below for the lifetime of the machine.
 - (1) Owner's manuals, or if not available, written maintenance and operating procedures, for the solvent cleaning machine and control equipment;
 - (2) The date of installation for the solvent cleaning machine and all of its control devices.
 - (3) Records of the halogenated HAP solvent content for each solvent used in a solvent cleaning machine subject to the provisions of Subpart T.
- (b) Pursuant to 40 CFR 63.467(b), the Permittee shall maintain records specified below either in electronic or written form for a period of 5 years.
 - (1) The results of control device monitoring required under 40 CFR 63.466.
 - (2) Information on the actions taken to comply with 40 CFR 63.463(e) and (f). This information shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.
 - (3) Estimates of annual solvent consumption for each solvent cleaning machine.
 - (4) Records of the date and results of the weekly measurement of the halogenated HAP solvent concentration in the carbon adsorber exhaust required in 40 CFR 63.466(e).
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.3.7 Reporting Requirements

A summary of the information to document compliance with Conditions D.3.3 and D.3.5 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, and to the following address:

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (a) Submit an annual report by February 1 of the year following the one for which the reporting is being made. This report shall include:
 - (1) A signed statement from the facility owner or his designee stating that, "All operators of solvent cleaning machines have received training on the proper

operation of solvent cleaning machines and their control devices sufficient to pass the test required in 63.463(d)(10)".

- (2) An estimate of the solvent consumption for each solvent cleaning machine during the reporting period.
- (b) Submit a semiannual exceedance report. Once an exceedance has occurred, the owner or operator shall follow a quarterly reporting format until a request to reduce reporting frequency has been approved as under 63.468(i). Exceedance reports shall be delivered or postmarked by the 30th day following the end of each calendar half or quarter as appropriate. The report shall include:
- (1) Information on the actions taken to comply with monitoring conditions in Condition D.3.5, including records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.
 - (2) The reason for any exceedance that has occurred and description of the actions taken.
 - (3) If no exceedances of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.

SECTION D.4 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

One (1) cold ring open top vapor degreaser, identified as DG2, with a solvent consumption of 14.2 gallons/day, using trichloroethylene as the solvent and ventilating to stack DG2. The solvent recovery still, BS 2, recycles the solvent oil mixture from the degreaser, installed in 1995.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.4.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-6][326 IAC 8-3-3]

Pursuant to 326 IAC 8-3-6 (Open Top Vapor Degreaser Operation and Control Requirements), the owner or operator shall:

- (a) Keep the cover closed at all times except when processing workloads through the degreaser.
- (b) Minimize solvent carryout emissions by:
 - (1) racking articles to allow complete drainage;
 - (2) moving articles in and out of the degreaser at less than three and three-tenths (3.3) meters per minute (eleven (11) feet per minute);
 - (3) degreasing the workload in the vapor zone at least thirty (30) seconds or until condensation ceases;
 - (4) tipping out any pools of solvent on the cleaned articles before removal; and
 - (5) allowing articles to dry within the degreaser for at least fifteen (15) seconds or until visually dry.
- (c) Prohibit the entrance into the degreaser of porous or absorbent materials such as, but not limited to, cloth, leather, wood, or rope.
- (d) Prohibit occupation of more than one-half ($\frac{1}{2}$) of the degreaser's open top area with the workload.
- (e) Prohibit the loading of the degreaser to the point where the vapor level would drop more than ten (10) centimeters (four (4) inches) when the workload is removed.
- (f) Prohibit solvent spraying above the vapor level.
- (g) Repair solvent leaks immediately or shut down the degreaser if leaks cannot be repaired immediately.
- (h) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.
- (i) Prohibit the exhaust ventilation rate from exceeding twenty (20) cubic meters per minute per square meter (sixty-five (65) cubic feet per minute per square foot) of degreaser open area unless a greater ventilation rate is necessary to meet Occupational Safety and Health Administration requirements.
- (j) Prohibit the use of workplace fans near the degreaser opening.
- (k) Prohibit visually detectable water in the solvent exiting the water separator.

Compliance with 326 IAC 8-3-6 demonstrates compliance with 326 IAC 8-3-3.

D.4.2 General Provisions Relating to HAPs [326 IAC 20-1-1][40 CFR Part 63, Subpart A]

The provisions of 40 CFR Part 63, Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 63, Subpart T.

D.4.3 Halogenated Solvent Cleaning NESHAP [326 IAC 20-6-1][40 CFR Part 63, Subpart T]

Pursuant to 40 CFR 63, Subpart T incorporated as 326 IAC 20-6-1, the cold ring pen top vapor degreaser shall be subject to the following conditions:

- (a) The following design requirements for the degreasing operation:
 - (1) Reduce the room draft as described in 63.463(e)(2)(ii).
 - (2) A freeboard ratio of 0.75 or greater shall be maintained.
 - (3) An automated parts handling system capable of moving parts or baskets at a speed of 3.4 meters per minute (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts shall be installed.
 - (4) The degreaser shall be equipped with a device that shuts off the sump heat if the sump liquid solvent level drops to the sump heater coils.
 - (5) The degreaser shall be equipped with a vapor level control device that shuts off sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser.
 - (6) The degreaser shall have a primary condenser.
 - (7) Monitoring shall be conducted on each control device used.
- (b) Employ the following Control Option:
Freeboard refrigeration device, reduced room draft, and freeboard ratio of 1.0, shall be used for batch vapor cleaning machines ($>1.2 \text{ m}^2$) larger than 13 sq ft.
- (c) The following operational practices for the degreasing operation:
 - (1) A reduced room draft as described in 63.463 (e)(2)(ii).
 - (2) Any spraying operations shall be done within the vapor zone or within a section of the solvent cleaning machine that is not directly exposed to the ambient air.
 - (3) Parts shall be oriented so that the solvent drains from them freely. Parts with holes may need to be tipped or rotated before being removed.
 - (4) Parts or baskets shall not be removed from any solvent cleaning machine before dripping has stopped.
 - (5) During startup, the primary condenser shall be turned on before the sump heater.
 - (6) During shutdown, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off.
 - (7) When solvent is added or drained, the solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the solvent pump shall be located beneath the liquid solvent surface.
 - (8) The machine and associated controls shall be maintained as recommended by the manufacturers of the equipment or by EPA approved alternative methods.
 - (9) Each operator shall complete and pass the applicable sections of the test of solvent cleaning operating procedures in appendix B of Subpart T, if requested during an inspection.
 - (10) Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers that may contain a pressure relief device.
 - (11) Sponges, fabric, wood, and paper products shall not be cleaned.

D.4.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

Compliance Determination Requirements

D.4.5 Compliance Determination Requirements [326 IAC 20][40 CFR Part 63, Subpart T]

- (a) The Permittee shall determine whether each control device used to comply with 40 CFR Part 63, Subpart T meets the following requirements:

Control Equipment	Monitoring Frequency	Requirements
Freeboard refrigeration device	Weekly	(a) Temperature at the center of the chilled air blanket is not to exceed 30 % of the solvent boiling point.
Reduce room draft	Initial test: wind speed, room parameters, enclosure Weekly: room parameters Monthly: Measure wind speed within enclosure. visual inspection of enclosure. Quarterly: wind speed measurement	(b) Determine the flow of air across the top of the freeboard area. Establish parameters to be monitored that will ensure compliance. (c) Monitor room parameters established in the initial test. (d) Establish and maintain operating conditions under which the wind speed was demonstrated to be less than 50 feet per minute. (e) Measure wind speed to ensure compliance with 50 feet per minute limit.

Control Equipment	Monitoring Frequency	Requirements
Hoist	Monthly/Quarterly	(f) Determine the hoist speed by measuring the time it takes for the hoist to travel a measured distance. The speed is equal to the distance in meters divided by the time in minutes (meters per minute). (g) Monitoring shall be conducted monthly. If after the first year, no exceedances of the hoist speed are measured, the owner or operator may begin monitoring the hoist speed quarterly. (h) If an exceedance of the hoist speed occurs during quarterly monitoring, the monitoring frequency returns to monthly until another year of compliance without an exceedance is demonstrated. (i) If an owner or operator can demonstrate to EPA's satisfaction in the initial compliance report that the hoist cannot exceed a speed of 3.4 meters per minute (11 feet per minute), the required monitoring frequency is quarterly, including during the first year compliance.

- (b) If any of the requirements for freeboard refrigeration device, and reduce room draft are not met, the Permittee shall determine whether an exceedance has occurred.
- (1) An exceedance has occurred if (d) has not been met; or
 - (2) An exceedance has occurred if (a) or (b) or (e) have not been met and are not corrected within fifteen (15) days of detection. Adjustments or repairs shall be made to the solvent cleaning system or control device to reestablish required levels. The parameter must be remeasured immediately upon adjustment or repair and demonstrated to be within required limits.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.4.6 Record Keeping Requirements

- (a) Pursuant to 40 CFR 63.467(a), the permittee shall maintain records in written or electronic form specified below for the lifetime of the machine.
 - (1) Owner's manuals, or if not available, written maintenance and operating procedures, for the solvent cleaning machine and control equipment;
 - (2) The date of installation for the solvent cleaning machine and all of its control devices.
 - (3) Records of the halogenated HAP solvent content for each solvent used in a solvent cleaning machine subject to the provisions of Subpart T.
- (b) Pursuant to 40 CFR 63.467(b), the Permittee shall maintain records specified below either in electronic or written form for a period of 5 years.
 - (1) The results of control device monitoring required under 40 CFR 63.466.
 - (2) Information on the actions taken to comply with 40 CFR 63.463(e) and (f). This information shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.
 - (3) Estimates of annual solvent consumption for each solvent cleaning machine.
 - (4) Records of the date and results of the weekly measurement of the halogenated HAP solvent concentration in the carbon adsorber exhaust required in 40 CFR 63.466(e).
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.4.7 Reporting Requirements

A summary of the information to document compliance with Conditions D.4.2 and D.4.4 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, and to the following address:

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (a) Submit an annual report by February 1 of the year following the one for which the reporting is being made. This report shall include:
 - (1) A signed statement from the facility owner or his designee stating that, "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required in 63.463(d)(10)".
 - (2) An estimate of the solvent consumption for each solvent cleaning machine during the reporting period.
- (b) Submit a semiannual exceedance report. Once an exceedance has occurred, the owner or operator shall follow a quarterly reporting format until a request to reduce reporting frequency has been approved as under 63.468(i). Exceedance reports shall be delivered or postmarked by the 30th day following the end of each calendar half or quarter as appropriate. The report shall include:

- (1) Information on the actions taken to comply with monitoring conditions in Condition D.4.4, including records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.
- (2) The reason for any exceedance that has occurred and description of the actions taken
- (3) If no exceedances of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.

SECTION D.5 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

Two (2) surface coating booths, are part of the no-stick coating line, having a maximum throughput of 1,200 units per hour, each using the application method of air atomization, using dry filters as control, and exhausting to stacks 1 and 2, installed in 1997.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.5.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

- (a) Pursuant to 326 IAC 8-2-9, the Permittee shall not allow the discharge into the atmosphere of pounds of VOC per gallon of coating, excluding water, as delivered to the application, in excess of four and three-tenths (4.3) for clear coats, three and five-tenths (3.5) for air dried or forced warm air dried, three and five-tenths (3.5) for extreme performance coatings, and three (3.0) for all other coatings.
- (b) Solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

D.5.2 Particulate Matter (PM) [40 CFR 52 Subpart P]

Pursuant to 40 CFR 52 Subpart P, the PM from the coating booths shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

D.5.3 Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d), particulate from the surface coating booths shall be controlled by a dry filter and the Permittee shall operate the control device in accordance with manufacturer's specifications.

D.5.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.

Compliance Determination Requirements

D.5.5 Volatile Organic Compounds (VOC) [326 IAC 8-1-2][326 IAC 8-1-4]

Compliance with the VOC content and usage limitations contained in Conditions D.5.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ,

reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.5.6 Monitoring Requirements

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks (S1, S2) while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.
- (b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.
- (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.5.7 Record Keeping Requirements

- (a) To document compliance with Conditions D.5.1 the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.5.1 Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.
 - (1) The VOC content of each coating material and solvent used.
 - (2) The amount of coating material and solvent less water used on monthly basis.
 - (A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
 - (3) The volume weighted VOC content of the coatings used for each month;
 - (4) The cleanup solvent usage for each month;
 - (5) The total VOC usage for each month; and
 - (6) The weight of VOCs emitted for each compliance period.

- (b) To document compliance with Condition D.5.6 the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.6

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

Degreasing operations not exceeding 145 gallons per 12 months, installed in 1991.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.6.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the Permittee shall:

- (a) Equip the cleaner with a cover;
- (b) Equip the cleaner with a facility for draining cleaned parts;
- (c) Close the degreaser cover whenever parts are not being handled in the cleaner;
- (d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (e) Provide a permanent, conspicuous label summarizing the operation requirements;
- (f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Lincoln Foodservice Products, Inc.
Source Address: 1111 North Hadley Road, Fort Wayne, IN 46804
Mailing Address: 1111 North Hadley Road, Fort Wayne, IN 46804
Part 70 Permit No.: T003-16190-00046

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

- ? Annual Compliance Certification Letter
- ? Test Result (specify) _____
- ? Report (specify) _____
- ? Notification (specify) _____
- ? Affidavit (specify) _____
- ? Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Phone:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: Lincoln Foodservice Products, Inc.
Source Address: 1111 North Hadley Road, Fort Wayne, IN 46804
Mailing Address: 1111 North Hadley Road, Fort Wayne, IN 46804
Part 70 Permit No.: T003-16190-00046

This form consists of 2 pages

Page 1 of 2

- | |
|---|
| <p>? This is an emergency as defined in 326 IAC 2-7-1(12)</p> <p>? The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and</p> <p>? The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16.</p> |
|---|

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency
Describe the cause of the Emergency

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

A certification is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Lincoln Foodservice Products, Inc.
Source Address: 1111 North Hadley Road, Fort Wayne, IN 46804
Mailing Address: 1111 North Hadley Road, Fort Wayne, IN 46804
Part 70 Permit No.: T003-16190-00046

Months: _____ to _____ Year: _____

Page 1 of 2

This report is an affirmation that the source has met all the requirements stated in this permit. This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

? NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

? THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: _____

Title/Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management Office of Air Quality

Addendum to the Technical Support Document for a Part 70 Operating Permit Renewal

Source Name: **Lincoln Foodservice Products, Inc.**
Source Location: **1111 North Hadley Road, Fort Wayne, IN 46804**
County: **Allen**
SIC Code: **3469**
Operation Permit No.: **T 003-16190-00046**
Permit Reviewer: **Lek R. Traivaranon**

On August 20, 2003, the Office of Air Quality (OAQ) had a notice published in the Allen County Public Library, 900 Webster Street in Fort Wayne, Indiana, stating that Lincoln Foodservice Products, Inc. had applied for a Part 70 Operating Permit to operate light fabrication and surface finishing assembly operation. The notice also stated that OAQ proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

Upon further review including the comment, the OAQ has decided to make the following revisions to the permit. Bolded language has been added, the language with a line through it has been deleted. The Table of Contents has been modified to reflect these changes.

1. The following Compliance with Permit Conditions has been placed on the first page of the permit and was removed from the B. 8 section. All following B section in the permit have been re-number accordingly.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.
Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

~~B.8 — Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]~~

~~———— (a) — The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for:~~

~~———— (1) — Enforcement action;~~

- ~~_____ (2) Permit termination, revocation and reissuance, or modification; or~~
- ~~_____ (3) Denial of a permit renewal application.~~
- ~~_____ (b) Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act.~~

2. The C.16 (b)(3) notification requirement has been modified to apply only to situations where the emissions unit will continue to operate for an extended time while the compliance monitoring parameter is out of range. It is intended to provide the OAQ an opportunity to assess the situation and determine whether any additional actions are necessary to demonstrate compliance with applicable requirements. Therefore, the changes have been made as follows:

C. 16 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5]
[326 IAC 2-7-6]

- (3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, **and it will be 10 days or more until the unit or device will be shut down, then the permittee shall promptly notify the IDEM, OAQ of the expected date** ~~the IDEM, OAQ shall be promptly notified of the expected date~~ of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.

3. The Lincoln Foodservice Products, Inc. comment:

On August 29, 2009, The Lincoln Foodservice Products, Inc. responsible official submitted a letter concerning the description of a open top vapor degreaser which was changed from cold ring open top vapor degreaser to Dual open top vapor degreaser.

Responses:

Since the open top vapor degreaser was a Dual Model which has cold ring of freezer around the open top to minimize the emission of the VOC, this description can be reversed without having any effect on the applicable requirements of the open top degreaser. As the result, the description of the open top degreaser on page 5 of 45, Emission Units Summary, and page 34 of 45, Emission Limitations and Standards, has been changed as follows:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)]
[326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- e) One (1) ~~Dual~~ **cold ring** open top vapor degreaser, identified as DG2, with a solvent consumption of 14.2 gallons/day, using trichloroethylene as the solvent. The solvent recovery still, BS 2, recycles the solvent oil mixture from the degreaser, installed in 1995.

D.4.3 Halogenated Solvent Cleaning NESHAP [326 IAC 20-6-1][40 CFR Part 63, Subpart T]

Pursuant to 40 CFR 63, Subpart T incorporated as 326 IAC 20-6-1, the ~~Dual~~ **cold ring** open top **vapor** degreaser shall be subject to the following conditions:

Indiana Department of Environmental Management Office of Air Management

Technical Support Document (TSD) for a Part 70 Operating Permit Renewal

Source Background and Description

Source Name: Lincoln Foodservice Products, Inc.
Source Location: 1111 North Hadley Road, Fort Wayne, IN 46804
County: Allen
SIC Code: 3469
Operation Permit No.: T 003-16190-00046
Permit Reviewer: Lek R. Traivaranon

The Office of Air Quality (OAQ) has reviewed a Part 70 permit application renewal from Lincoln Foodservice Products, Inc. for a light fabrication, surface finishing assembly operation.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

- a) One (1) boiler, identified as BO1, fueled by natural gas, maximum capacity of 29 MMBtu/hr, and exhausting to stack BO1, installed in 1971.
- b) One (1) boiler, identified as BO2, fueled by natural gas, maximum capacity of 29 MMBtu/hr, and exhausting to stack BO2, installed in 1971.
- c) Two (2) cold cleaning degreasers, identified as SW1, with a solvent consumption of 32 gallons/day, and ventilating to stack SW1, installed in 1991.
- d) One (1) Dual monorail degreaser, identified as DG1, using trichloroethylene as the solvent with a solvent consumption of 32.3 gallons/day. The solvent recovery still, BS 1, recycles solvent oil mixture from the degreaser operations, and ventilating to stack DG1, installed in 1991.
- e) One (1) Dual open top degreaser, identified as DG2, with a solvent consumption of 14.2 gallons/day, using trichloroethylene as the solvent. The solvent recovery still, BS 2, recycles the solvent oil mixture from the degreaser, and ventilating to stack DG2, installed in 1995.
- f) Two (2) surface coating booths, are part of the no-stick coating line, having a maximum throughput of 1,200 units per hour, each using the application method of air atomization, using dry filters as control, and exhausting to stacks 1 and 2, installed in 1997.

Insignificant Activities

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (1) Space heaters, process heaters, or boilers using the following fuels:
 - (a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour as follows

Two (2) curing oven, fueled by natural gas, each having a maximum heat input of 4.4 MMBtu per hour, exhausting to stacks CO₂, and CO₃.
 - (b) Propane or liquefied petroleum gas, or butane-fired combustion sources with heat input equal to or less than six million (6,000,000) Btu per hour.
- (2) Equipment powered by internal combustion engines of capacity equal to or less than 500,000 Btu/hour, except where total capacity of equipment operated by one stationary source exceeds 2,000,000 Btu/hour.
- (3) Combustion source flame safety purging on startup.
- (4) A petroleum fuel, other than gasoline, dispensing facility having a storage capacity less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
- (5) The following VOC and HAP storage containers:

Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.
- (6) Application of oils, greases, lubricants, or other nonvolatile materials applied as temporary protective coatings.
 - a) One (1) tank, identified as note 1, with a capacity of 1,500 gallons, used to collect the oil-solvent mixture from degreaser DG 1.
 - b) One (1) tank, identified as note 2, with a capacity of 1,200 gallons, used to accumulate the recovered solvent from batch still BS 1.
- (7) Machining where an aqueous cutting coolant continuously floods the machining interface.
- (8) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3] (See D.6.)
- (9) Cleaners and solvents characterized as follows:
 - (a) Having a vapor pressure equal to or less than 2 kPa; 15 mm Hg; or 0.3 psi measured at 38 degrees C (100°F) or;

- (b) Having a vapor pressure equal to or less than 0.7 kPA; 5mm Hg; or 0.1 psi measured at 20°C (68°F); the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months.
- (10) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment. [326 IAC 6-3] (covered under C.1.)
- (11) Closed loop heating and cooling systems.
- (12) Any of the following structural steel and bridge fabrication activities:
Using 80 tons or less of welding consumables. [326 IAC 6-3] (covered under C.1.)
- (13) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume.
- (14) Activities associated with the transportation and treatment of sanitary sewage, provided discharge to the treatment plant is under the control of the owner/operator, that is, an on-site sewage treatment facility.
- (15) Any operation using aqueous solutions containing less than 1% by weight of VOCs, excluding HAPs.
- (16) Water based adhesives that are less than or equal to 5% by volume of VOCs, excluding HAPs.
- (17) Noncontact cooling tower systems with either of the following:
Forced and induced draft cooling tower system not regulated under a NESHAP.
- (18) Purging of gas lines and vessels that is related to routing maintenance and repair of buildings, structures, or vehicles at the source where air emissions from those activities would not be associated with any production process.
- (19) Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower.
- (20) Other emergency equipment as follows:
Stationary fire pumps.
- (21) Filter or coalescer media changeout.
- (22) A laboratory as defined in 326 IAC 2-7(20)(c).
- (23) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000

actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6-3] (covered under C.1.)

One (1) shot blast cleaner, identified as 3-No-stick coating, using aluminum oxide as the blast media, with a density of 225 lb/ft³, and controlled by a cyclone and baghouse. [326 IAC 6-3] (covered under C.1.)

- (24) Any unit emitting greater than 1 pound per day but less than 5 pounds per day or 1 ton per year of a single HAP.
 - (a) Any unit emitting greater than 1 pound per day but less than 12.5 pounds per day or 2.5 ton per year of any combination of HAPs.
 - (b) Maintenance painting, parking lot resealing, roof repair. Testing or evaluations of alternative parts cleaning materials or operations.
- (25) Paved and unpaved roads and parking lots with public access.

Other categories with emissions below insignificant thresholds:

- (a) Use of propane fuel for test and development work on propane fueled units.
- (b) Demonstration kitchen cooking emissions.
- (c) Particulate emissions associated with metal surface marking and finishing activities. [326 IAC 6-3] (covered under C.1.)
- (d) Etch tank, fume scrubber and water treatment and conditioning activities.
- (e) Cooling water for welders.
- (f) Handle pressure cylinders (lift truck fuel, welding or cutting gases).
- (g) Miscellaneous emissions from metal press forming and shaping. [326 IAC 6-3] (covered under C.1.)
- (h) Natural gas use during research, development and test or demonstration work with ovens and oven equipment.
- (i) One (1) Bulk tank, with a capacity of 4,500 gallons, storing trichloroethylene, installed in 1991.

Existing Approvals

The source has been operating under previous approvals including, but not limited to, the following:

- (a) R 003- 13138-00046 issued on November 30, 2001
- (b) T 003-7373-00046 issued on December 17, 1998

All conditions from previous approvals were incorporated into this Part 70 permit.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the Part 70 permit renewal be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete Part 70 permit application renewal for the purposes of this review was received on October 3, 2002.

A notice of completeness letter was mailed to the source on November 12, 2002.

Emission Calculations

See Appendix A of this document for detailed emissions calculations in Appendix A, (page 1 through 4).

Potential To Emit

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA.”

This table reflects the PTE before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential Emissions (tons/year)
PM	less than 100
PM-10	less than 100
SO ₂	less than 100
VOC	less than 250
CO	less than 100
NO _x	less than 100

Note: For the purpose of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration.

HAP's	Potential Emissions (tons/year)
Trichloroethylene	greater than 25

- (a) The potential emissions (as defined in 326 IAC 2-1.1-1(16)) of VOC equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

- (b) The potential emissions (as defined in 326 IAC 2-1.1-1(16)) of any single HAP is equal to or greater than ten (10) tons per year and the potential emissions (as defined in 326 IAC 2-7-1(29)) of a combination HAPs is greater than or equal to twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the sources emissions summary for the year 1996 and 2000.

Pollutant	Actual Emissions (tons/year)
PM	0.34
PM-10	0.34
SO ₂	0.01
VOC	113
CO	0.84
NO _x	3.4
Trichloroethylene	95.4

County Attainment Status

The source is located in Allen County.

Pollutant	Status
PM-10	attainment
SO ₂	attainment
NO ₂	attainment
Ozone	attainment
CO	attainment
Lead	attainment

- (a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC are considered when evaluating the rule applicability relating to the ozone standards. Allen county has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) Allen county has been classified as attainment or unclassifiable for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (c) Fugitive Emissions
Since this type of operation is not one of the 28 listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive emissions are not counted toward determination of PSD and Emission Offset applicability.

Part 70 Permit Conditions

This source is subject to the requirements of 326 IAC 2-7, pursuant to which the source has to meet the following:

- (a) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance of Part 70 permits.
- (b) Monitoring and related record keeping requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements

Federal Rule Applicability

- (a) Boiler 1 and Boiler 2
The provisions of 326 IAC 12, (40 CFR 60.40, Subpart D) apply to the steam unit for which construction, modification, or reconstruction is commenced after June 9, 1989 and that has a maximum design heat input capacity of 100 million Btu per hour or less but greater than or equal to 10 million Btu/hr.

The boilers, 1 and 2, each having a capacity of 29 million Btu/hr, are not subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60.40(c), Subpart (Dc)) because each boiler was installed in 1971 which is before the regulated date of June 9, 1989.
- (b) Dual monorail degreaser, identified as DG1
Dual open top degreaser, identified as DG2,
Two (2) cold cleaning degreasers, identified as SW 1
Insignificant degreasing operations
The provisions of the National Emission Standards for Hazardous Air Pollutants, 326 IAC 20 (40 CFR 63.460, Subpart T) apply to an individual cold batch or vapor batch or cold in-line or vapor in-line solvent cleaning machine that uses any solvent containing methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-trichloroethane, carbon tetrachloride or chloroform, or any combination of these halogenated HAP solvents, in a total concentration greater than 5 percent by weight.
 - (1) The Dual monorail degreaser (DG1) is subject to these provisions because the Dual monorail degreaser is an in-line vapor solvent degreaser used 99.4% trichloroethylene by weight.
 - (2) The Dual open top degreaser (DG2) is subject to these provisions because it is a batch vapor degreaser used 99.4% trichloroethylene by weight.
 - (3) The two (2) degreasers (SW1) and insignificant degreasing operations are not subject to these provisions because these degreasers use Isoparaffic Hydrocarbon as a solvent and this solvent is not hazardous substance regulated under these provisions.
- (c) Bulk tank, Tank 1 and Tank 2,
The provisions of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.116(b), Subpart Kb,) apply to Volatile Organic Liquid Storage Vessels for which construction, reconstruction, or modification commenced after July 23, 1984 and for which its capacity is greater than or equal to 40 cubic meters,
 - (1) The bulk tank, storing trichloroethylene, is not subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60.116(b), Subpart (Kb)) because the tank has capacity of 4,500 gallons (17 cubic meters) which is less than 40 cubic meters.

- (2) The tanks, 1 and 2, are not subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60.116(b), Subpart (Kb)) because each tank has storage capacity of 1500 gallons (5.7 cubic meters) and 1200 gallons (4.5 cubic meters), respectively which is less than 40 cubic meters.
- (d) The provisions of Section 112(j) MACT apply to a source that has the potential to emit greater than 10 tons per year of a single HAP or greater than 25 tons per year of a combination of HAPs and one or more of the processes or emission units belong to one of the affected source categories.

This source is subject to Section 112(j) MACT requirements because the source is a major source of HAPs and operates miscellaneous metal parts coating. This operation belongs to one of the affected source categories. The source submitted a Part 1 MACT application on 5/15/02.

- (e) The provisions of Compliance Assurance Monitoring (CAM) (40 CFR 64) apply to a pollutant-specific emissions unit as defined in 40 CFR 64.1 for:
 - (1) with the potential to emit before controls equal to or greater than the major source threshold for VOC and all criteria pollutants;
 - (2) that is subject to an emission limitation or standard; and
 - (3) uses a control device as defined in 40 CFR 64.1 to comply with that emission limitation or standard.

This source is not subject to Compliance Assurance Monitoring (CAM) (40 CFR 64) because the source does not use any control devices as defined in 40 CFR 64.1 to comply with the limitation or standard.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration)

Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration), this source is not a major source for PSD because the potential to emit of VOC of facilities constructed after August 7, 1980 is 242 tons per year of VOC which is less than 250 tons per year and the source is not one of the twenty-eight (28) listed source categories.

326 IAC 2-6 (Emission Reporting)

This source is subject to 326 IAC 2-6 (Emission Reporting), because it has the potential to emit more than one hundred (100) tons per year of VOC and located in Allen County. Pursuant to this rule, the owner/operator of the source must annually submit an emission statement for the source. The annual statement must be received by April 15 of each year and contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8)(Emission Statement Operating Year).

326 IAC 5-1 (Opacity Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

326 IAC 2-4.1-1 (New Source Toxics Control)

The source is not subject to this rule, because all facilities constructed after July 27, 1997 do not emit or have potential to emit ten (10) tons per year or more of any single HAP or twenty-five (25) tons per year of any combination of HAPs which are listed in section 112(b) of the Clean Air Act.

State Rule Applicability - Individual Facilities

- (a) Boilers BO1 and BO2:
Pursuant to 326 IAC 6-2-3(d) particulate emissions from all facilities used for indirect heating purposes which were existing and in operation on or before June 8, 1972, shall in no case exceed 0.8 pounds of particulate matter per million British thermal units heat input and pursuant to 326 IAC 6-2-3(c) particulate emissions from all facilities used for indirect heating purposes which were existing and in operation on or before June 8, 1972, shall be calculated using the following equation:

$$Pt = (C)(a)(h) / (76.5)(58)^{0.75}(2)^{0.25}$$

$$Pt = (50)(0.67)(51) / (76.5)(58)^{0.75}(2)^{0.25}$$

$$Pt = 1708.5 / (76.5) (21) (1.2)$$

$$Pt = 1708.5 / 1927.8$$

$$Pt = 0.9 \text{ lb/mmBtu}$$

Where: Pt = Pounds of particulate matter emitted per million Btu heat input.

Q = Total source maximum operating capacity rating in million Btu per hour heat input.

Therefore, the boilers are subject to 326 IAC 6-3-2(d) and the particulate emissions from the boilers shall not exceed 0.8 pounds of particulate matter per million BTU heat input.

- (b) Cold cleaning degreaser, identified as SW 1:
The provisions of 326 IAC 8-3-5 (Cold Cleaner Degreaser Operation and Control), apply to any cold cleaner degreaser without remote solvent reservoirs, constructed after July 1, 1990.

The SW1 degreaser is subject to this rule because it is a cold cleaner degreaser without remote solvent reservoirs and was installed in 1991, after the regulated date of July 1, 1990.

Note: The provisions of 326 IAC 8-3-2, apply to cold cleaning degreaser constructed after January 1, 1980, but the provisions of 326 IAC 8-3-2 contain only operation requirements, However, the provisions of 326 IAC 8-3-5 contain both operation requirements and control requirements. The requirements in 326 IAC 8-3-2 is also specified in 326 IAC 8-3-5. Therefore, compliance with 326 IAC 8-3-5 also demonstrates compliance with 326 IAC 8-3-2.

The following control equipment are required for cold cleaner degreaser:

- (1) A cover.
- (2) A facility for draining cleaned articles.
- (3) A permanent, conspicuous label.
- (4) Pressure control devices.

(c) Dual monorail degreaser, identified as DG1

The provisions of 326 IAC 8-3-7 (Conveyorized Degreaser Operation and Control), apply to any conveyorized degreasers with an air to solvent interface of two (2) square meters (twenty-one and six-tenths (21.6) square feet) or greater, constructed after July 1, 1990.

The DG1 degreaser is subject to this rule because it is a conveyorized degreaser with an air to solvent interface of greater than two (2) square meters and was installed in 1991, after the regulated date of July 1, 1990.

The control equipment requirements for Dual monorail degreaser are as follows :

- (1) Equip the degreaser's entrances and exits with downtime covers which are closed when the degreaser is not operating.
- (2) Equip the degreaser with the following switches, a condenser flow switch, a spray safety switch, a vapor level control thermostat.
- (3) Equip the degreaser with entrances and exits which silhouette workloads
- (4) Equip the degreaser with an equipment which prevents cleaned articles from carrying out solvent liquid or vapor.
- (5) Equip the degreaser with a permanent, conspicuous label.
- (6) Equip the degreaser with one of control devices, such as a refrigerated chiller, a carbon adsorption system with ventilation or other systems of demonstrated equivalent or better control.

Note: The DG1 degreaser is also subject to the provisions of 326 IAC 8-3-4 because it was constructed after January 1, 1980, but the requirements specified in 326 IAC 8-2-4 are also included in 326 IAC 8-3-7. Therefore, compliance with 326 IAC 8-3-7 also demonstrates compliance with 326 IAC 8-3-4.

(d) Dual open top, identified as DG2

The provisions of 326 IAC 8-3-6 (Open Top Vapor Degreaser Operation and Control requirements), apply to any open top vapor degreaser with an air to solvent interface of one (1) square meter (ten and eight-tenths (10.8) square feet) or greater, constructed after July 1, 1990.

The Dual open top degreaser is subject to this rule because the degreaser unit, with an air to solvent interface of forty eight (48) square feet, heats the solvent to the boiling point and the unit was installed in 1995, after the regulated date of July 1, 1990.

(Note: The 60 Kw open top vapor degreaser Model DP 12-4860, was replaced by existing open top degreaser Model 120-VS-3 according to permit February 1, 1995.)

The control equipment requirements for Dual open top degreaser are as follows :

- (1) A cover.
- (2) A facility for draining cleaned articles.

Note: The Dual open top degreaser is also subject to the provisions of 326 IAC 8-3-3, because it was constructed after January 1, 1980 but the requirements specified in 326

IAC 8-2-3 are already specified in 326 IAC 8-3-6. Therefore, compliance with 326 IAC 8-3-6 also demonstrates compliance with 326 IAC 8-3-3.

- (e) Two (2) surface coating booths, coating booths are part of the no-stick coating line
Pursuant to 326 IAC 8-2-1, the provisions of 326 IAC 8-2-9 apply to miscellaneous metal coating operations constructed after July 1, 1990 located in any country and which have actual emissions of greater than fifteen (15) pounds of VOC per day before add-on controls.

The provisions apply to the surface coating line because the miscellaneous coating operation was constructed in 1997 and emits VOC greater than fifteen (15) pounds per day.

Pursuant to 326 IAC 8-2-9, the Permittee shall not allow the discharge into the atmosphere of pounds of VOC per gallon of coating, excluding water, as delivered to the application, in excess of four and three-tenths (4.3) for clear coats, three and five-tenths (3.5) for air dried or forced warm air dried, three and five-tenths (3.5) for extreme performance coatings, and three (3.0) for all other coatings.

Pursuant to 40 CFR 52 Subpart P, the PM from the coating booth shall not exceed the pound per hour emission rate established as E in the following formula:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

Pursuant to 6-3-2(d), the dry filters shall be in operation according to manufactures specification while the surface coating booths are in operation.

- (f) Bulk tank (Insignificant activities)
Pursuant to 326 IAC 8-9-1 (Volatile Organic Storage Vessels), the provisions of reporting and record keeping apply to a vessel with a capacity less than thirty-nine thousand (39,000) gallons and the provision of maintaining the record and notifying the department apply to a vessel with a capacity greater than thirty-nine thousand (39,000) gallons. Also it must be located in Clark, Floyd, Lake, or Porter County.

The bulk tank storing trichloroethylene with a capacity of 4,500 gallons is not subject to 326 IAC 8-9-1 (Volatile Organic Storage Vessels) because it has a capacity less than thirty-nine thousand (39,000) gallons and it is not located in any of the counties listed above.

- (g) Shot blast cleaner (Insignificant activities)
Pursuant to 326 IAC 6-3 (Process Operations), the allowable PM emission rate from the shot blasting facility shall not exceed 0.17 pounds per hour when operating at a process weight rate of 16.7 pounds per hour.

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ = 4.10 (16.7 \times 1/2000)^{0.67} \quad P = \text{process weight rate in tons per hour} \\ = 4.10 \times (0.041) \\ = 0.17$$

- (h) Other insignificant activities relating to 326 IAC 6-3
Structural steel and bridge fabrication activities
Grinding and machining operations
Shot blast cleaner

Metal surface marking and finishing activities
Metal press forming and shaping

Pursuant to 326 IAC 6-3 (Process Operations), the allowable PM emission rate from the above activities shall not exceed 0.551 pounds per hour,

Interpolation of the data for the process weight rate up to one hundred (100) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

(i) Degreaser Operations (Insignificant activities)

Pursuant to 326 IAC 8-3-1, the degreaser operations constructed after January 1, 1980, shall comply with the following provisions of 326 IAC 8-3-2:

- (1) equip the cleaner with a cover;
- (2) equip the cleaner with a facility for draining cleaned parts;
- (3) close the degreaser cover whenever parts are not being handled in the cleaner;
- (4) drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (5) provide a permanent, conspicuous label summarizing the operating requirements;
- (6) store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The compliance monitoring requirements applicable to this source are as follows:

- 1) The Dual monorail degreaser has applicable compliance conditions as specified below:
 - (a) The Permittee shall determine whether each control device used to comply with 40 CFR Part 63, Subpart T meets the following requirements:

Lincoln Foodservice Products, Inc.
Fort Wayne, IN
Reviewer: Lek R. Traivaranon

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Control Equipment	Monitoring Frequency	Requirements
Freeboard refrigeration device	Weekly	(a) Temperature at the center of the chilled air blanket is not to exceed 30 % of the solvent boiling point.
Reduce room draft	Initial test: wind speed, room parameters, enclosure Weekly: room parameters Monthly: Measure wind speed within enclosure. visual inspection of enclosure. Quarterly: wind speed measurement	(b) Determine the flow of air across the top of the freeboard area. Establish parameters to be monitored that will ensure compliance. (c) Monitor room parameters established in the initial test. (d) Establish and maintain operating conditions under which the wind speed was demonstrated to be less than 50 feet per minute. (e) Measure wind speed to ensure compliance with 50 feet per minute limit.
Hoist	Monthly/Quarterly	(f) Determine the hoist speed by measuring the time it takes for the hoist to travel a measured distance. The speed is equal to the distance in meters divided by the time in minutes (meters per minute). (g) Monitoring shall be conducted monthly. If after the first year, no exceedances of the hoist speed are measured, the owner or operator may begin monitoring the hoist speed quarterly. (h) If an exceedance of the hoist speed occurs during quarterly monitoring, the monitoring frequency returns to monthly until another year of compliance without an exceedance is demonstrated. (i) If an owner or operator can demonstrate to EPA's satisfaction in the initial compliance report that the hoist cannot exceed a speed of 3.4 meters per minute (11 feet per minute), the required monitoring frequency is quarterly, including during the first year compliance.

(b) If any of the requirements for freeboard refrigeration device, and reduce room draft are not met, the Permittee shall determine whether an exceedance has occurred.

(1) An exceedance has occurred if (d) has not been met; or

(2) An exceedance has occurred if (a) or (b) or (e) have not been met and are not corrected within fifteen (15) days of detection. Adjustments or repairs shall be made to the solvent cleaning system or control device to reestablish required levels. The parameter must be remeasured immediately upon adjustment or repair and demonstrated to be within required limits.

2) The Dual open top vapor degreaser has applicable compliance conditions as specified below:

(a) The Permittee shall determine whether each control device used to comply with 40 CFR Part 63, Subpart T meets the following requirements:

Control Equipment	Monitoring Frequency	Requirements
Freeboard refrigeration device	Weekly	(a) Temperature at the center of the chilled air blanket is not to exceed 30 % of the solvent boiling point.
Reduce room draft	Initial test: wind speed, room parameters, enclosure Weekly: room parameters Monthly: Measure wind speed within enclosure. visual inspection of enclosure. Quarterly: wind speed measurement	(b) Determine the flow of air across the top of the freeboard area. Establish parameters to be monitored that will ensure compliance. (c) Monitor room parameters established in the initial test. (d) Establish and maintain operating conditions under which the wind speed was demonstrated to be less than 50 feet per minute. (e) Measure wind speed to ensure compliance with 50 feet per minute limit.

Control Equipment	Monitoring Frequency	Requirements
Hoist	Monthly/Quarterly	(f) Determine the hoist speed by measuring the time it takes for the hoist to travel a measured distance. The speed is equal to the distance in meters divided by the time in minutes (meters per minute). (g) Monitoring shall be conducted monthly. If after the first year, no exceedances of the hoist speed are measured, the owner or operator may begin monitoring the hoist speed quarterly. (h) If an exceedance of the hoist speed occurs during quarterly monitoring, the monitoring frequency returns to monthly until another year of compliance without an exceedance is demonstrated. (i) If an owner or operator can demonstrate to EPA's satisfaction in the initial compliance report that the hoist cannot exceed a speed of 3.4 meters per minute (11 feet per minute), the required monitoring frequency is quarterly, including during the first year compliance.

(b) If any of the requirements for freeboard refrigeration device, and reduce room draft are not met, the Permittee shall determine whether an exceedance has occurred.

(1) An exceedance has occurred if (d) has not been met; or

(2) An exceedance has occurred if (a) or (b) or (e) have not been met and are not corrected within fifteen (15) days of detection. Adjustments or repairs shall be made to the solvent cleaning system or control device to reestablish required levels. The parameter must be remeasured immediately upon adjustment or repair and demonstrated to be within required limits.

3) The surface coating booths have applicable compliance conditions as specified below:

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly

observations shall be made of the overspray from the surface coating booth stack while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

- (b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.
- (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Conclusion

The operation of this light fabrication, surface finishing assembly operation shall be subject to the conditions of the attached proposed **Part 70 Permit No. T003-16190-00046**.

Appendix A

Lincoln Foodservice Products, Inc.
Fort Wayne IN 46804
T 003-16190-00046

Potential emissions for the mechanical blasting:

Grain loading per actual cubic foot of outlet air = 0.01 gr/ft³
Collection efficiency = 99%
Total filter area = 325 ft²
Air to cloth ratio = 6 (ft³/min)/ft²
7000 gr = 1lb

After controls:

Emissions rate PM = (gr/ft³) (ft²) ((ft³/min)/ft²) = gr/min

PM = (0.01gr/ft³) (325 ft²) (6(ft³/ft²)) (60 min/hr) (1lb/7000gr) = 0.17 lb/hr = 4.08 lbs/day = 0.74 tons/yr

Before controls:

Emissions rate (PM) = (0.74 tons/yr)/(1-.99) = 74 tons/yr

Allowable Emissions:

According to the company the shot blast rate is 16.67 lbs/hr = 0.0083 tons/hr
 $E = 4.10 (0.0083)^{0.67}$
E = 0.17 lbs/hr = 4.08 lbs/day = 0.74 tons/yr

Allowable	vs.	After controls
0.17 lbs/hr	=	0.17 lbs/hr

Since the mechanical shot blasting unit is enclosed and the capture efficiency is assumed to be 100% (as long as the controls are operating when the blasting unit is in operation) the fugitive emissions will be considered negligible. Thus, the after control emission was used to determine permit status.

Appendix A: Emissions Calculations**Natural Gas Combustion Only****MM BTU/HR <100****Small Industrial Boiler**

Company Name: Lincoln Foodservice Products, Inc.
Address City IN Zip: 111 N. Hadley Rd., Fort Wayne, IN 46804
TV: T003--16190-00046
Reviewer: Lek R. Traivaranon
Date: August 2003

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMCF/yr

29.0

254.0

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
	1.9	7.6	0.6	140.0	5.5	84.0
				**see below		
Potential Emission in tons/yr	0.2	1.0	0.1	17.8	0.7	10.7

*PM emission factor is filterable PM only. PM10 emission factor is condensable and filterable PM10 combined.

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

(SUPPLEMENT D 3/98)

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

Note: Check the applicable rules and test methods for PM and PM10 when using the above emission factors to confirm that the correct factor is used (i.e., condensable included/not included).

See page 2 for HAPs emissions calculations.

Appendix A: Emissions Calculations**Natural Gas Combustion Only****MM BTU/HR <100****Small Industrial Boiler****HAPs Emissions**

Company Name: Lincoln Foodservice Products, Inc.
Address City IN Zip: 111 N. Hadley Rd.
TV: T003--16190-00046
Reviewer: Lek R. Traivaranon
Date: August 2003

HAPs - Organics

Emission Factor in lb/MMcf	Benzene 2.1E-03	Dichlorobenzene 1.2E-03	Formaldehyde 7.5E-02	Hexane 1.8E+00	Toluene 3.4E-03
Potential Emission in tons/yr	2.667E-04	1.524E-04	9.527E-03	2.286E-01	4.319E-04

HAPs - Metals

Emission Factor in lb/MMcf	Lead 5.0E-04	Cadmium 1.1E-03	Chromium 1.4E-03	Manganese 3.8E-04	Nickel 2.1E-03
Potential Emission in tons/yr	6.351E-05	1.397E-04	1.778E-04	4.827E-05	2.667E-04

Methodology is the same as page 1.

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4.

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Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency
Primer 459-516	9.5	74.50%	65.1%	9.4%	74.3%	14.70%	0.00027	1200.000	3.47	0.89	0.29	6.94	1.27	1.72	6.07	50%
Intermediate 456-30200	10.7	60.20%	51.0%	9.2%	65.7%	23.40%	0.00054	1200.000	2.87	0.98	0.64	15.31	2.79	6.04	4.21	50%
Top coat 456-50300	11.0	47.60%	37.7%	9.9%	49.8%	36.90%	0.00027	1200.000	2.17	1.09	0.35	8.47	1.55	4.09	2.95	50%

METHODOLOGY

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